

Title (en)
Chemicals property determination

Title (de)
Bestimmung einer Eigenschaft bei Chemikalien

Title (fr)
Détermination de propriété de produits chimiques

Publication
EP 0706041 A1 19960410 (EN)

Application
EP 94430010 A 19941007

Priority
EP 94430010 A 19941007

Abstract (en)
A method of determining or predicting a value P_x of a property of a material X, which is a feed to a process or a property of a product of a process from said material or yield of said process, which method comprises measuring the absorption D_{ix} of said material at more than one wavelength in the region 600-2600 nm, comparing the said absorptions or a derivative thereof with absorptions D_{im} or derivatives thereof at the same wavelength for a number of standards S in a bank for which the said property or yield P is known, and choosing from the bank at least one standard S_m with property P_m said standard having the smallest average value of the absolute difference at each wavelength i between the absorption D_{ix} (or derivative thereof) for the material and the absorption D_{im} (or derivative thereof) for the standard S_m to obtain P_x , with averaging of said properties or yields P_m when more than one standard S_m is chosen, and wherein said process is at least one of a polymerisation, an oligomerization or an organic reaction in which at least one of the reactant and a product is a functionalized compound.

IPC 1-7
G01N 21/35; **G01N 33/28**

IPC 8 full level
G01N 21/35 (2006.01); **G01N 33/28** (2006.01)

CPC (source: EP US)
G01N 21/359 (2013.01 - EP US); **G01N 33/2829** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
FR

DOCDB simple family (publication)
EP 0706041 A1 19960410; US 5763883 A 19980609

DOCDB simple family (application)
EP 94430010 A 19941007; US 46717995 A 19950606